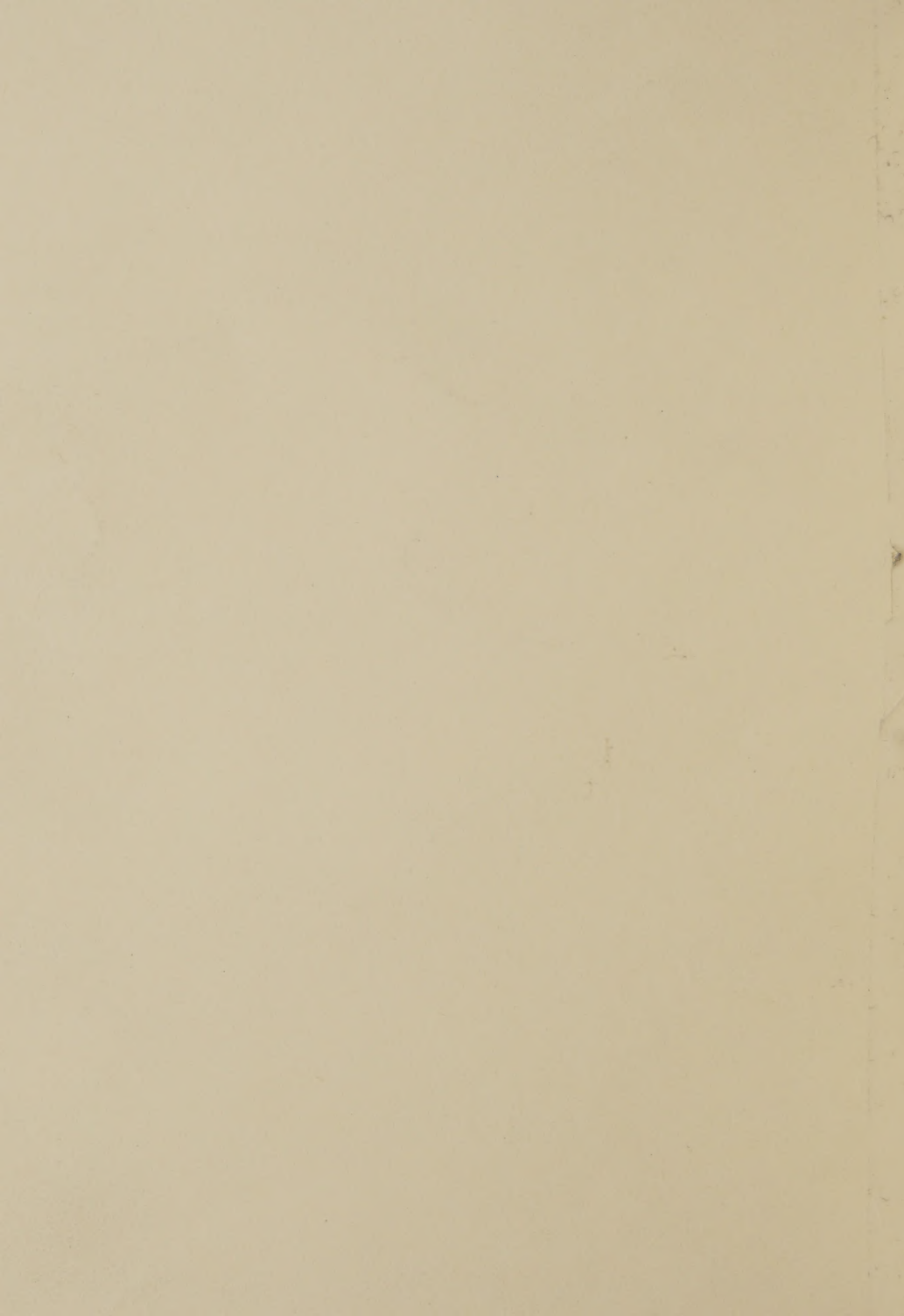


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U. S. FOREST PRODUCTS LABORATORY

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U. S. Department of Agriculture

LIST OF PUBLICATIONS JANUARY 1 TO JUNE 30, 1936

Publications available for distribution at the Laboratory are marked with an asterisk (*). Those not so marked are available as noted after the title.

Trade journals and magazines referred to, if not available in your local library, may be obtained from publishers listed on the last page.

CHEMISTRY OF WOOD

*Calculation of the toxicity curve from solubility data, by Ernest Bateman and R. H. Baechler. American Wood Preservers' Assn. Proceedings, 1936.

Chemistry of slash pine (*Pinus caribaea*, Morelet) Pt. 2: Fats, waxes, and resins of the growing tips, by J. A. Hall and Ole Gisvold. Jour. Biological Chemistry, Mar. 1936.

*Some characteristics of wood lignins, by E. E. Harris. Jour. American Chemical Society, June 1936.
Same. Mimeograph R1096.

GLUE, PLYWOOD, AND COATINGS

*Effectiveness of paints as protective coatings for wood, by F. L. Browne. Mimeograph R974, revised April 1936.

How painters can prevent painting complaints, by F. L. Browne.
Pt. 1, Examining condition of old paint.
Pt. 2, Keeping a written record of paint jobs.

Pt. 3, Judging the nature of previous paints by inspection.

Pt. 4, Judging normal and abnormal conditions. In Natl. Painters' Magazine, Mar., Apr., May, and June 1936.

*Notes on the manufacture of plywood. Mimeograph R543, revised June 1936.

MECHANICAL PROPERTIES OF WOOD

*All-wood panel system of construction is extended, by R. F. Luxford and August Smerda, Jr. Wood Construction, May 1, 1936.

Same. New all-wood panel construction extended to double-hung windows, pitched roofs, and 2-story houses. Hardwood Record, May 1936.

Car bracing lumber, by J. A. Newlin. Packing and Shipping, May 1936.

*Prefabricated wall panels with plywood coverings, by R. F. Luxford. Wood Products, Feb. 1936.

Same. Timberman, Feb. 1936.

Same. Structural analysis: Prefabrication in wood, plywood-covered wall panels. Architectural Record, Apr. 1936.

*Proper nailing of car bracing, by L. J. Markwardt and J. M. Gahagan. Traffic World, Jan. 25, 1936.

Same. Mimeograph R1088.

*Wooden doors, by G. E. Heck. Hardwood Record, May 1936.

Same. Timberman, Apr. 1936.

Same. Merits of modern wood doors, Wood Construction, May 15, 1936.

PULP AND PAPER

Effect of high pit temperature and of preheating of the wood on the grinding of loblolly pine, by

E. R. Schafer, J. C. Pew, and R. G. Knechtges.
TAPPI Papers, June 1936.

Same. Loblolly pine grinding at high temperatures,
Paper Mill & Wood Pulp News. Apr. 25, 1936.

Pulpwood quality of southern pine as related to the
requirements of newsprint production, by C. E.
Curran. Jour. of Forestry, Mar. 1936.

Same. Pulpwood quality as related to technical
requirements of newsprint production. For-
estry News Digest, Mar. 1936.

SEASONING OF WOOD

*Wood moisture balance, by R. C. Rietz. Furniture
Manufacturer, Apr. 1936.

Same. Hardwood Record, Apr. 1936.

Same. Memphis Lumberman, Apr. 1936.

WOOD PRESERVATION

*Average temperature and moisture reduction calculations
for steamed round southern pine timbers, by J. D.
MacLean. American Wood-Preservers' Assn. Pro-
ceedings, 1936.

Effect of steaming on the durability of unseasoned sap-
gum lumber, by T. C. Scheffer and R. M. Lindgren.
Jour. Forestry, Feb. 1936.

Effect of Trichoderma lignorum on the sapwood of Pinus
taeda, by Mae Spradling. Jour. Agric. Research,
Apr. 1, 1936. For sale by Supt. of Documents,
Government Printing Office, Washington, D. C. 5¢.

What is blue stain in lumber? by T. C. Scheffer. Ry.
Eng. & Maintenance, Apr. 1936.

Three blue-staining fungi, including two new species,
associated with bark beetles, by C. T. Rumbold.

Jour. Agric. Research, Mar. 15, 1936. For sale
by Supt. of Documents, Government Printing Office,
Washington, D. C. 5¢.

International termite exposure test (7th progress re-
port), by G. M. Hunt and T. E. Snyder. American
Wood-Preservers' Assn. Proceedings, 1936.

*Treated wood for houses, by G. M. Hunt. Pac. Coast
Bldg. Officials' Conference, Bul. 4, Sept. 1935.
Same. Mimeograph R1095.

*The treatment of sawdust insulation for protection
against decay, insects, animals, and fire, by
G. M. Hunt. Mimeograph R1092, June 1936.

*Temperature changes in western red cedar heated in
steam and in coal-tar creosote, by J. D. MacLean.
Mimeograph R1087, Apr. 1936.

WOOD STRUCTURE

*Occurrence of compression wood in black spruce and its
effect on properties of groundwood pulp, by M. Y.
Pillow, E. R. Schafer & J. C. Pew. Paper Trade
Jour., Apr. 16, 1936.
Same. TAPPI Papers, 1936.
Same. Compression wood in mechanical pulp. Paper
Mill & Wood Pulp News, Apr. 11, 1936.

*Judging the quality of sugar maple, by B. H. Paul and
N. A. Norton. Wood Products, Mar. 1936.

Science and the lumber retailer, by Arthur Koehler.
Miss. Valley Lumberman, Jan. 17, 1936.
Same. Wood Construction, Mar. 15, 1936.

WOOD UTILIZATION, LOGGING, AND MILLING

Wood utilization, by J. B. Cuno. Penn State Sylvan, 1936.

*Wood slat snow fence, by A. O. Benson. Mimeograph R1085, Mar. 1936.

*Operating small sawmills, methods, bibliography, and sources of equipment, by C. J. Telford. Mimeograph R1083, Mar. 1936.

Chestnut gives good service on farm, by R. P. A. Johnson. Southern Planter, May 1936.

*Selection of lumber for farm and home building, by C. V. Sweet and R. P. A. Johnson. U. S. Department of Agriculture Farmers' Bulletin 1756. 1936.

MISCELLANEOUS

Forest Products Laboratory serving wood users, by Forest Products Laboratory. Bruce, March 1936.

*Internal-fan kiln for drying seed cones, by R. C. Rietz. Jour. Forestry, May 1936.

*Partial list of Government publications of interest to architects, builders, and retail lumbermen. Mimeograph R1081, Mar. 1936.

*Salvaging lumber and logs in the flooded areas, by L. V. Teesdale. Hardwood Record, April 1936.

Same. American Lumberman, Apr. 11, 1936.

Same. Southern Lumberman, Apr. 15, 1936.

Toward a modern forest economy, by C. P. Winslow. Wis. Pub. Employee, Apr. 1936.

*Log of the Lab, June 1, 1936.

Wood research, by Arthur Koehler. Mich. Forester, 1936.

PUBLISHERS OF TRADE JOURNALS AND MAGAZINES INCLUDED
IN REFERENCES

American Lbrmn., 431 S. Dearborn St., Chicago, Ill.
Arch. Record, 119 W. 40th St., New York City.
American Wood-Preservers' Assn., 1427 Eye St., NW.,
Washington, D. C.
Bruce, E. L. Bruce Co., Memphis, Tenn.
Forestry News Digest, 1214 - 16th St., NW., Washington,
D. C.
Furniture Manufacturer, 342 Madison Ave., New York City.
Hardwood Record, 537 S. Dearborn St., Chicago, Ill.
Journal Agricultural Research, Washington, D. C.
Journal American Chemical Society, 12 Oxford St.,
Cambridge, Mass.
Journal Biol. Chemistry, 1280 York Ave., New York City.
Journal of Forestry, 839 - 17th St., NW., Washington, D. C.
Memphis Lbrmn., Bank of Com. Bldg., Memphis, Tenn.
Michigan Forester, University of Mich., Ann Arbor, Mich.
Miss. Valley Lbrmn., Lbr. Exch. Bldg., Minneapolis, Minn.
Natl. Painters' Magazine, 12 Gold St., New York City.
Pacific Coast Bldg. Officials' Conf., 124 W. 4th St.,
Los Angeles, Calif.
Packing & Shipping, 30 Church St., New York City.
Paper Mill & Wood Pulp News, 1440 Broadway, New York City.
Paper Trade Journal, 15 W. 47th St., New York City.
Penn. State Sylvan, State College, Pa.
Ry. Eng. & Maintenance, 105 W. Adams St., Chicago, Ill.
South. Lbrmn., Presbyterian Bldg., Nashville, Tenn.
South. Planter, Richmond, Va.
TAPPI, Technical Assn. of the Pulp & Paper Industry,
122 E. 42nd St., New York City.
Timberman, 329 Oak St., Portland, Ore.
Traffic World, 418 S. Market St., Chicago, Ill.
Wisconsin Public Employee, 611 Insurance Bldg. Madison,
Wis.
Wood Construction, Xenia, Ohio.
Wood Products, 431 S. Dearborn St., Chicago, Ill.

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CHEMISTRY OF WOOD

The chemistry of some parts of slash pine, by J. A. Hall. Naval Stores Review, Aug. 15, 1936.

*Description of the Forest Products Laboratory's work on wood lignin and plastics. Dec. 3, 1936.
Mimeo. R1112.

Enigma of the forest (movie script), by C. P. Winslow and E. C. Sherrard. Science News Letter, Dec. 5, 1936.

COATINGS AND GLUE

*Coatings that prevent end checks. Technical Note 186, revised Oct. 1936.

*Occurrence and removal of glue stains. Technical Note 146, revised Jan. 1936.

Paint for building and structural uses, by F. L. Browne. Railway Age, Nov. 7, 1936.

*Water-resistant cold press blood albumin glue. Technical Note 202, revised May 1936.

PULP AND PAPER

- *Effect of high pit temperature and of preheating of the wood on the grinding of loblolly pine, by E. R. Schafer, J. C. Pew, and R. C. Knechtges. Paper Trade Jour., July 9, 1936.
Same. Mimeo. R1114.
- *Effect of high sulphur dioxide concentrations and high pressures in sulphite pulping, by J. N. McGovern. Paper Trade Jour., Nov. 12, 1936.
- *Some relations between growth conditions, wood structure, and pulping quality, by C. E. Curran. Pulp & Paper Mag. of Canada, Oct. 1936.
Same. Paper Trade Jour., Sept. 10, 1936.
Same. Can. Pulp & Paper Assn., Papers & Proceedings, 1936.
- *Sorption of water vapor by paper-making materials: Pt. 2 -- Effect of physical and chemical seasoning, by C. O. Seborg, F. A. Simmonds, and P. K. Baird. Indus. & Eng. Chem., Nov. 1936.
Same. Mimeo. R1116.

SEASONING OF WOOD

- *Chemical seasoning of wood, by W. K. Loughborough. Furniture Mfr., Oct. 15, 1936.
Same. Hardwood Record, Oct. 1936.
Same. South. Lbrman., Sept. 15, 1936.
Same. West Coast Lbrman., Oct. 1936.
Same. Timberman, Sept. 1936.
Same. New process for chemical seasoning of wood found satisfactory. Wood Products, Sept. 1936.
Same. New chemical seasoning of wood helps overcome checking defects. Cross Tie Bulletin, Sept. 1936.
Same. Barrel & Box & Packages, Sept. 1936.

*Minimizing wood shrinkage and swelling: Treating with synthetic resin-forming materials, by A. J. Stamm and R. M. Seborg. Indus. & Eng. Chem., Oct. 1936. Same. Mimeo. R1110.

*New moisture indicator for wood, by M. E. Dunlap. Instruments, Oct. 1936.

WOOD IN CONSTRUCTION

*Research findings tell, by how much, a floor in the attic will reduce oil consumption, by J. S. Mathewson. Domestic Eng., Oct. 1936.

*Some factors influencing the collection of moisture in walls and roofs of homes. Misc. Mimeo. Aug. 31, 1936.

WOOD PRESERVATION

*Progressive effects of *Polystictus versicolor* on the physical and chemical properties of red gum sapwood, by T. C. Scheffer. U. S. Dept. Agr. Tech. Bul. 527. Sept. 1936.

Relation between chemical constitution and toxicity, by R. H. Baechler and E. Bateman. Amer. Wood-Preservers' Assn. Proceedings, 1936.

Zygosaccharomyces pini n. sp. associated with bark beetles in pines, by H. E. C. Holst. Jour. Agr. Research, Oct. 1, 1936. For sale by Supt. of Documents, Government Printing Office, Washington, D.C., for 15¢ each, cash or money order.

WOOD STRUCTURE

*Differences between heartwood and sapwood. Technical Note 189, revised July 1936.

*The identification of Douglas fir wood. Technical Note 198, revised July 1936.

- *Distinguishing characteristics of mahogany and woods commonly called mahogany. Technical Note 162, revised May 1936.
- *Red hickory as strong as white hickory. Technical Note 171, revised July 1936.
- *Second-growth southern hardwood timber, by B. H. Paul. South. Lbrman., Dec. 15, 1936.
- *Southern yellow pine. Technical Note 214, revised July 1936.

Variations in the wood of yellow poplar from the southern Appalachian region, by B. H. Paul and N. A. Norton. Jour. Forestry, Oct. 1936.
 Same. Yellow poplar lumber: An interesting study of the wood from trees in the southern Appalachian region. Wood Construction, Dec. 1, 1936.

WOOD UTILIZATION, LOGGING, AND MILLING

- *Application of mechanical power to tie production, by C. J. Telford. Cross Tie Bulletin, Sept. 1936.
 Same. Mimeo. R1117.
- *Dimension-stock methods for New England hardwoods, by A. O. Benson. U. S. Dept. Agr. Circ. 394. Aug. 1936.
- *Machining and related properties of southern hardwoods, by E. M. Davis. South. Lbrman., Dec. 15, 1936.
- *Tests of woods for butter containers with reference to imparting odor and flavor, by E. M. Davis and G. C. Morbeck. U. S. Dept. Agr. Misc. Pub. 250, Oct. 1936.
- *Use of wood by the fruit and vegetable industries of Florida, by J. B. Cuno. Mimeo. R1097, July 1936.

- *Use of wood in American machinery, by G. C. Morbeck.
Hardwood Record, July-Dec. 1936.
Same. Mimeo. R1100.

MISCELLANEOUS

- *Research in forest products: Forest Products Laboratory annual report 1936. Mimeo. R1098.
- *Wood, A material with a future, by F. J. Champion.
Wis. Carpenter & Bldr., Convention Number, 1936.
- Wood, The material of today and tomorrow (radio talk broadcast by G. W. Trayer). South. Librman.,
Oct. 1, 1936.

PUBLISHERS OF TRADE JOURNALS AND MAGAZINES INCLUDED
IN REFERENCES

Amer. Wood-Preservers' Assn., 1427 Eye St., NW.,
Washington, D. C.
Barrel & Box & Packages, 205 W. Wacker Dr., Chicago,
Ill.
Canadian Pulp & Paper Assn., 3420 University St.,
Montreal, Can.
Cross Tie Bulletin, Ry. Exchange Bldg., St. Louis,
Mo.
Domestic Eng., 1900 Prairie Ave., Chicago, Ill.
Furniture Mfr., 342 Madison Ave., New York City.
Hardwood Record, 537 S. Dearborn St., Chicago, Ill.
Indus. & Eng. Chem., Mills Bldg., Washington, D. C.
Instruments, 1117 Wolfendale St., Pittsburgh, Pa.
Jour. Forestry, 839 17th St., NW., Washington, D.C.
Naval Stores Review, P. O. Box 736, Savannah, Ga.
Paper Trade Jour., 15 W. 47th St., New York City.
Pulp & Paper Mag. of Canada, Gardenvale, Q., Can.
Railway Age, 30 Church St., New York City.
Science News Letter, 2101 Constitution Ave., Wash-
ington, D. C.
South. Lbrman., Presbyterian Bldg., Nashville, Tenn.
Timberman, 329 Oak St., Portland, Ore.
West Coast Lbrman., 71 Columbia St., Seattle, Wash.
Wisconsin Carpenter & Bldr., c/o F. E. Gastrow, 11
N. 3rd St., Madison, Wis.
Wood Construction, Green & Market Sts., Xenia, Ohio.
Wood Products, 431 S. Dearborn St., Chicago, Ill.

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